

## Welcome to DialogClassic Web(tm)

Dialog level 05.05.00D  
Last logoff: 05jul05 09:42:01  
Logon file001 05jul05 15:59:13  
KWIC is set to 50.  
HIGHLIGHT set on as ' '  
\* \* \*

File 1:ERIC 1966-2004/Jul 21  
(c) format only 2004 The Dialog Corporation  
**\*File 1: Updates suspended by ERIC until**  
Q3, 2005

Set	Items	Description
---	---	-----
Cost is in DialUnits		
?		
B 155, 159, 5, 73		
05jul05 15:59:25 User259876 Session D769.1		
\$0.35 0.099 DialUnits File1		
\$0.35 Estimated cost File1		
\$0.05 INTERNET		
\$0.40 Estimated cost this search		
\$0.40 Estimated total session cost 0.099 DialUnits		

SYSTEM:OS - DIALOG OneSearch  
File 155:MEDLINE(R) 1951-2005/Jul W1  
(c) format only 2005 The Dialog Corp.  
File 159:Cancerlit 1975-2002/Oct  
(c) format only 2002 Dialog Corporation  
**\*File 159: Cancerlit is no longer updating.**

Please see HELP NEWS159.  
File 5:Biosis Previews(R) 1969-2005/Jun W4  
(c) 2005 BIOSIS  
File 73:EMBASE 1974-2005/Jul 01  
(c) 2005 Elsevier Science B.V.

Set	Items	Description
---	---	-----
?		
S (ALLERGEN OR ALLERGIC) (S) (PLANT OR RAGWEED OR POLLEN)		
64156 ALLERGEN		
180648 ALLERGIC		
847181 PLANT		
6298 RAGWEED		
71341 POLLEN		
S1 15164 (ALLERGEN OR ALLERGIC) (S) (PLANT OR RAGWEED OR POLLEN)		

?

S S1 AND (VECTOR OR POLYNUCLEOTIDE)  
    15164 S1  
    303441 VECTOR  
    12506 POLYNUCLEOTIDE  
    S2 127 S1 AND (VECTOR OR POLYNUCLEOTIDE)

?

S ((HEMAGGLUTININ (W) A) OR HA)  
Processing

## Processing

```

25396 HEMAGGLUTININ
24921088 A
216 HEMAGGLUTININ (W) A
123348 HA
S3 123522 ((HEMAGGLUTININ (W) A) OR HA)
?
```

S (SIGNAL OR LEADER) (S) (SEQUENCE OR PEPTIDE)

```

801075 SIGNAL
25667 LEADER
1742058 SEQUENCE
784601 PEPTIDE
```

S4 114076 (SIGNAL OR LEADER) (S) (SEQUENCE OR PEPTIDE)

?

S S3 (S) S4

```

123522 S3
114076 S4
S5 494 S3 (S) S4
```

?

S DS

S6 27680 DS

?

Set Items Description

S1	15164	(ALLERGEN OR ALLERGIC) (S) (PLANT OR RAGWEED OR POLLEN)
S2	127	S1 AND (VECTOR OR POLYNUCLEOTIDE)
S3	123522	((HEMAGGLUTININ (W) A) OR HA)
S4	114076	(SIGNAL OR LEADER) (S) (SEQUENCE OR PEPTIDE)
S5	494	S3 (S) S4
S6	27680	DS

?

S S2 AND S5

```

127 S2
494 S5
S7 0 S2 AND S5
```

?

S S4 (S) (HETEROLOGOUS)

```

114076 S4
108303 HETEROLOGOUS
S8 2334 S4 (S) (HETEROLOGOUS)
```

?

Set Items Description

S1	15164	(ALLERGEN OR ALLERGIC) (S) (PLANT OR RAGWEED OR POLLEN)
S2	127	S1 AND (VECTOR OR POLYNUCLEOTIDE)
S3	123522	((HEMAGGLUTININ (W) A) OR HA)
S4	114076	(SIGNAL OR LEADER) (S) (SEQUENCE OR PEPTIDE)
S5	494	S3 (S) S4
S6	27680	DS
S7	0	S2 AND S5
S8	2334	S4 (S) (HETEROLOGOUS)

?

S S8 AND S2

2334 S8  
127 S2  
S9 0 S8 AND S2

?

Set	Items	Description
S1	15164	(ALLERGEN OR ALLERGIC) (S) (PLANT OR RAGWEED OR POLLEN)
S2	127	S1 AND (VECTOR OR POLYNUCLEOTIDE)
S3	123522	((HEMAGGLUTININ (W) A) OR HA)
S4	114076	(SIGNAL OR LEADER) (S) (SEQUENCE OR PEPTIDE)
S5	494	S3 (S) S4
S6	27680	DS
S7	0	S2 AND S5
S8	2334	S4 (S) (HETEROLOGOUS)
S9	0	S8 AND S2

?

S S2 AND (CPG OR CG OR ISS)

127 S2  
25108 CPG  
16081 CG  
7714 ISS  
S10 0 S2 AND (CPG OR CG OR ISS)

?

S S2 AND (HUMAN (W) CODON)

Processing

127 S2  
14688212 HUMAN  
101995 CODON  
127 HUMAN (W) CODON  
S11 3 S2 AND (HUMAN (W) CODON)

?

RD

...completed examining records  
S12 1 RD (unique items)

?

T S12/3,K/ALL

12/3,K/1 (Item 1 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
(c) format only 2005 The Dialog Corp. All rts. reserv.

14986736 PMID: 14510717

Optimization of codon usage is required for effective genetic immunization against Art v 1, the major allergen of mugwort pollen. □  
Bauer R; Himly M; Dedic A; Ferreira F; Thalhamer J; Hartl A  
Institute of Chemistry and Biochemistry, Immunology Group, University of Salzburg Institute of Genetics and General Biology, University of Salzburg, Salzburg, Austria.

Allergy (Denmark) Oct 2003, 58 (10) p1003-10, ISSN 0105-4538

Journal Code: 7804028

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Optimization of codon usage is required for effective genetic immunization against Art v 1, the major allergen of mugwort pollen. □

BACKGROUND: As the major **allergen** of mugwort **pollen**, Art v 1 is an important target for specific immunotherapy. However, both recombinant protein as well as a gene vaccine for Art v 1 failed...

... responses with gene vaccines encoding infectious pathogens. OBJECTIVE: In order to find out, whether codon usage might also be used to improve genetic immunization with **allergen** genes, the response against a gene vaccine expressing the wild-type gene of Art v 1 (pCMV-wtArt) was compared with a synthetic codon-optimized **vector** with **human codon** usage (pCMV-humArt). METHODS: Balb/c mice were injected intradermally with pCMV-wtArt or pCMV-humArt. In vitro expression levels of both constructs were compared...

... immunoglobulin G (IgG), IgG1, IgG2a and IgE antibodies were analyzed by enzyme-linked immunosorbent assay and the anaphylactic activity of the sera was determined by **allergen** -specific degranulation of rat basophil leukemia-2H3 cells. RESULTS: No immune response was detectable with the gene vaccine expressing the wildtype Art v 1, but immunization with pCMV-humArt revealed a strong and **allergen** -specific induction of antibody responses. The antibodies recognized both the recombinant as well as the purified natural (glycosylated) Art v 1 molecule. The response type...

... of IgG2a antibodies. Expression analysis with B16 mouse melanoma cells transfected with pCMV-humArt or pCMV-wtArt revealed an impaired expression of the wild-type **vector** but normal translation after recoding.

CONCLUSION: The results demonstrate that optimization of codon usage offers a simple way to improve immunogenicity and therefore should be...

?

Set	Items	Description
S1	15164	(ALLERGEN OR ALLERGIC) (S) (PLANT OR RAGWEED OR POLLEN)
S2	127	S1 AND (VECTOR OR POLYNUCLEOTIDE)
S3	123522	((HEMAGGLUTININ (W) A) OR HA)
S4	114076	(SIGNAL OR LEADER) (S) (SEQUENCE OR PEPTIDE)
S5	494	S3 (S) S4
S6	27680	DS
S7	0	S2 AND S5
S8	2334	S4 (S) (HETEROLOGOUS)
S9	0	S8 AND S2
S10	0	S2 AND (CPG OR CG OR ISS)
S11	3	S2 AND (HUMAN (W) CODON)
S12	1	RD (unique items)
?		

S S2 AND (UNIVERSAL (W) ANTIGEN)  
127 S2  
56001 UNIVERSAL  
1221718 ANTIGEN  
35 UNIVERSAL(W)ANTIGEN  
S13 0 S2 AND (UNIVERSAL (W) ANTIGEN)

?

S (UNIVERSAL (W) ANTIGEN)  
56001 UNIVERSAL  
1221718 ANTIGEN  
S14 35 (UNIVERSAL (W) ANTIGEN)

?

S S14 AND (ALLERGEN OR ALLERGIC)  
 35 S14  
 64156 ALLERGEN  
 180648 ALLERGIC  
 S15 0 S14 AND (ALLERGEN OR ALLERGIC)

?

S S14 AND TH1  
 35 S14  
 49924 TH1  
 S16 1 S14 AND TH1

?

T S16/3,K/ALL

16/3,K/1 (Item 1 from file: 73)  
 DIALOG(R)File 73:EMBASE  
 (c) 2005 Elsevier Science B.V. All rts. reserv.

11670382 EMBASE No: 2002242085  
 Dual action of glatiramer acetate (Cop-1) in the treatment of CNS  
 autoimmune and neurodegenerative disorders  
 Kipnis J.; Schwartz M.  
 M. Schwartz, Dept. of Neurobiology, Weizmann Institute of Science, 76100  
 Rehovot Israel  
 AUTHOR EMAIL: michal.schwartz@weizmann.ac.il  
 Trends in Molecular Medicine ( TRENDS MOL. MED. ) (United Kingdom) 2002  
 8/7 (319-323)  
 CODEN: TMMRC ISSN: 1471-4914  
 PUBLISHER ITEM IDENTIFIER: S1471491402023730  
 DOCUMENT TYPE: Journal ; Article  
 LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
 NUMBER OF REFERENCES: 64

...through a well-controlled inflammatory reaction, and that the activity of Cop-1 in driving this reaction derives from its ability to serve as a 'universal antigen' by weakly activating a wide spectrum of self-reactive T cells.

## MEDICAL DESCRIPTORS:

defense mechanism; disease course; multiple sclerosis--drug therapy--dt; T lymphocyte activation; immune response; neuroprotection; cell proliferation ; Th1 cell; demyelination; drug mechanism; human; article

?

Set	Items	Description
S1	15164	(ALLERGEN OR ALLERGIC) (S) (PLANT OR RAGWEED OR POLLEN)
S2	127	S1 AND (VECTOR OR POLYNUCLEOTIDE)
S3	123522	((HEMAGGLUTININ (W) A) OR HA)
S4	114076	(SIGNAL OR LEADER) (S) (SEQUENCE OR PEPTIDE)
S5	494	S3 (S) S4
S6	27680	DS
S7	0	S2 AND S5
S8	2334	S4 (S) (HETEROLOGOUS)
S9	0	S8 AND S2
S10	0	S2 AND (CPG OR CG OR ISS)
S11	3	S2 AND (HUMAN (W) CODON)
S12	1	RD (unique items)

S13 0 S2 AND (UNIVERSAL (W) ANTIGEN)  
S14 35 (UNIVERSAL (W) ANTIGEN)  
S15 0 S14 AND (ALLERGEN OR ALLERGIC)  
S16 1 S14 AND TH1  
?

RD S14  
...completed examining records  
S17 20 RD S14 (unique items)  
?

S S17 NOT PY>2000  
20 S17  
7072427 PY>2000  
S18 17 S17 NOT PY>2000  
?

T S18/3,K/ALL

**18/3,K/1 (Item 1 from file: 155)**  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2005 The Dialog Corp. All rts. reserv.

13336627 PMID: 10200978  
**The Escherichia coli haemolysin secretion apparatus: a potential universal antigen delivery system in gram-negative bacterial vaccine carriers.**  
Spreng S; Dietrich G; Goebel W; Gentschev I  
Molecular microbiology (ENGLAND) Mar 1999, 31 (5) p1596-8, ISSN 0950-382X Journal Code: 8712028  
Publishing Model Print  
Document type: Letter  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: MEDLINE; Completed

**The Escherichia coli haemolysin secretion apparatus: a potential universal antigen delivery system in gram-negative bacterial vaccine carriers.**

**18/3,K/2 (Item 2 from file: 155)**  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2005 The Dialog Corp. All rts. reserv.

13170510 PMID: 11193686  
**Immunological control of ticks through vaccination with Boophilus microplus gut antigens.**  
De La Fuente J; Rodriguez M; Garcia-Garcia J C  
Mammalian Cell Genetics Division, Centro de Ingenieria Genetica y Biotecnologia, P.O. Box 6162, Havana, Cuba. jose.delafuente@yahoo.com  
Annals of the New York Academy of Sciences (United States) 2000, 916 p617-21, ISSN 0077-8923 Journal Code: 7506858  
Publishing Model Print  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: MEDLINE; Completed

... from strain A was able to protect against infestations with

Bm86-sensitive and Bm86-resistant tick strains, thus suggesting that Bm95 could be a more **universal antigen** in protecting cattle against infestations by *B. microplus* strains from different geographical areas. These results clearly demonstrate the advantage and possibilities for the immunological control...

**18/3,K/3 (Item 3 from file: 155)**

DIALOG(R) File 155: MEDLINE(R)

(c) format only 2005 The Dialog Corp. All rts. reserv.

12815007 PMID: 10749576

**Glatiramer acetate (Copaxone) induces degenerate, Th2-polarized immune responses in patients with multiple sclerosis.**

Duda P W; Schmied M C; Cook S L; Krieger J I; Hafler D A  
Laboratory of Molecular Immunology, Center for Neurologic Diseases, Brigham and Women's Hospital and Harvard Medical School, Boston, Massachusetts 02115, USA.

Journal of clinical investigation (UNITED STATES) Apr 2000, 105 (7)  
p967-76, ISSN 0021-9738 Journal Code: 7802877

Contract/Grant No.: P01AI39671; AI; NIAID; P01NS38037; NS; NINDS; R01NS2424710; NS; NINDS

Publishing Model Print

Document type: Clinical Trial; Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

... of alanine, lysine, glutamic acid, and tyrosine, on antigen-specific T-cell responses in patients with multiple sclerosis (MS). Glatiramer acetate (Copaxone) functioned as a **universal antigen**, inducing proliferation, independent of any prior exposure to the polymer, in T-cell lines prepared from MS or healthy subjects. However, for most patients, daily...

**18/3,K/4 (Item 4 from file: 155)**

DIALOG(R) File 155: MEDLINE(R)

(c) format only 2005 The Dialog Corp. All rts. reserv.

12788177 PMID: 10717348

**Control of ticks resistant to immunization with Bm86 in cattle vaccinated with the recombinant antigen Bm95 isolated from the cattle tick, *Boophilus microplus*.**

Garcia-Garcia J C; Montero C; Redondo M; Vargas M; Canales M; Boue O; Rodriguez M; Joglar M; Machado H; Gonzalez I L; Valdes M; Mendez L; de la Fuente J

Mammalian Cell Genetics Division, Center for Genetic Engineering and Biotechnology, P.O.Box 6162, Havana, Cuba.

Vaccine (ENGLAND) Apr 28 2000, 18 (21) p2275-87, ISSN 0264-410X  
Journal Code: 8406899

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

... from strain A was able to protect against infestations with Bm86-sensitive and Bm86-resistant tick strains, thus suggesting that Bm95 could be a more **universal antigen** to protect cattle against

infestations by *B. microplus* strains from different geographical areas.

**18/3,K/5 (Item 5 from file: 155)**  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2005 The Dialog Corp. All rts. reserv.

10730498 PMID: 7936289

**Heat shock protein immunoreactivity in CSF: correlation with oligoclonal banding and demyelinating disease.**

Prabhakar S; Kurien E; Gupta R S; Zielinski S; Freedman M S

Department of Neurology, CMC Hospital, Vellore, India.

Neurology (UNITED STATES) Sep 1994, 44 (9) p1644-8, ISSN 0028-3878

Journal Code: 0401060

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

... of raised immunoglobulin and the presence of oligoclonal bands (OCBs) on electrophoresis of multiple sclerosis (MS) CSF has been a useful diagnostic test, but a **universal antigen** to which these MS antibodies are directed has yet to be found. Potentially immunogenic heat shock proteins (HSPs) are preferentially expressed in vitro in human...

**18/3,K/6 (Item 6 from file: 155)**  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2005 The Dialog Corp. All rts. reserv.

09850687 PMID: 1635750

**Prevention of neonatal group B streptococcal infections: advances in maternal vaccine development.**

Coleman R T; Sherer D M; Maniscalco W M

Department of Obstetrics and Gynecology, Strong Memorial Hospital, University of Rochester School of Medicine and Dentistry, New York.

Obstetrics and gynecology (UNITED STATES) Aug 1992, 80 (2) p301-9,

ISSN 0029-7844 Journal Code: 0401101

Publishing Model Print

Document type: Journal Article; Review

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

... as antigens for candidate vaccines. Antibodies elicited in human and animal studies provide protection against bacterial strains possessing these determinants. The theoretical existence of a "universal antigen" is significant because polysaccharide and C protein formulations are required to be polyvalent. CONCLUSIONS: The development of a vaccine for prevention of neonatal group B streptococcal sepsis is an attainable goal. Further study of the immunogenic properties of bacterial-cell-wall polysaccharides and their conjugates, C proteins, and the potential **universal antigen** is required.

**18/3,K/7 (Item 7 from file: 155)**  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2005 The Dialog Corp. All rts. reserv.

06262437 PMID: 6174210

Characterization of high- and low-metastatic clones derived from a methylcholanthrene-induced murine fibrosarcoma.

Wang N; Yu S H; Liener I E; Hebbel R P; Eaton J W; McKhann C F

Cancer research (UNITED STATES) Mar 1982, 42 (3) p1046-51, ISSN

0008-5472 Journal Code: 2984705R

Contract/Grant No.: CA 16231; CA; NCI; HL 16833; HL; NHLBI

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

... 10 and 3AM but not with each other, suggesting that, within the original tumor, there were common tumor antigens shared by some cells but no universal antigen shared by all cells.

18/3,K/8 (Item 8 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

(c) format only 2005 The Dialog Corp. All rts. reserv.

01107556 PMID: 13196272 Record Identifier: 5527-7855-447

[Microreaction for syphilis on slide with an universal antigen TSKVI.]

Mikroreaktsiia na sifilis na stekle s universal'nym antigenom TsKVI.

ZMECHOROVSKAIA G A

Vestnik venerologii i dermatologii (Not Available) Jul-Aug 1954, 4 p49-51, ISSN 0302-6051 Journal Code: 0412033

Publishing Model Print

Document type: Journal Article

Languages: RUSSIAN

Main Citation Owner: NLM

Other Citation Owner: CLML

Record type: OLDMEDLINE; Completed

[Microreaction for syphilis on slide with an universal antigen TSKVI.]

18/3,K/9 (Item 9 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

(c) format only 2005 The Dialog Corp. All rts. reserv.

00962256 PMID: 13049734 Record Identifier: 5324-20149-638

[Universal antigen of the Central Dermato-Venereological Institute.]

Ob universal'nom antigene tsentral'nogo kozhno-venerologicheskogo instituta.

PLOTICHER S M

Vestnik venerologii i dermatologii (Not Available) Jan-Feb 1953, 3 (1) p37-8, ISSN 0302-6051 Journal Code: 0412033

Publishing Model Print

Document type: Journal Article

Languages: UNSPECIFIED

Main Citation Owner: NLM

Other Citation Owner: CLML

Record type: OLDMEDLINE; Completed

[Universal antigen of the Central Dermato-Venereological Institute.]

18/3,K/10 (Item 10 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2005 The Dialog Corp. All rts. reserv.

00879299 PMID: 14950445 Record Identifier: 5222-36809-449

[Sedimentation reaction on slide with universal antigen for serodiagnosis of syphilis.]

Osadochnaia reaktsia na stekle s universal'nym antigenom dlja serodiagnosticski sifilisa.

REZNIKOVA L S

Sovetskaia meditsina (Not Available) Jun 1952, 16 (6) p35-6, ISSN 0038-5077 Journal Code: 0404525

Publishing Model Print

Document type: Journal Article

Languages: UNSPECIFIED

Main Citation Owner: NLM

Other Citation Owner: CLML

Record type: OLDMEDLINE; Completed

[Sedimentation reaction on slide with universal antigen for serodiagnosis of syphilis.]

18/3,K/11 (Item 1 from file: 159)

DIALOG(R)File 159:Cancerlit

(c) format only 2002 Dialog Corporation. All rts. reserv.

01368622 PMID: 82611326

CHARACTERIZATION OF HIGH- AND LOW-METASTATIC CLONES DERIVED FROM A METHYLCHOLANTHRENE-INDUCED MURINE FIBROSARCOMA.

Wang; Yu; Liener; Hebbel; Eaton; McKhann

Dept. Laboratory Medicine, Univ. Minnesota, Coll. Health Sciences, Minneapolis, MN, 55455

Cancer Res 1982, 42 (3) p1046-1051, ISSN 0008-5472

Document Type: JOURNAL ARTICLE

Languages: ENGLISH

Main Citation Owner: NOTNLM

Record type: Completed

... 10 and 3AM but not with each other, suggesting that, within the original tumor, there were common tumor antigens shared by some cells but no universal antigen shared by all cells. (Author abstract) (20 Refs)

18/3,K/12 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

0012612554 BIOSIS NO.: 200000330867

Glatiramer acetate (Copaxone(R)) induces degenerate, Th2-polarized immune responses in patients with multiple sclerosis

AUTHOR: Duda Petra W; Schmied Mascha C; Cook Sandra L; Krieger Jeffrey I; Hafler David A (Reprint)

AUTHOR ADDRESS: Center for Neurologic Diseases, Harvard Institutes of Medicine, 77 Avenue Louis Pasteur, Room 780, Boston, MA, 02115, USA\*\*USA

JOURNAL: Journal of Clinical Investigation 105 (7): p967-976 April, 2000 2000

MEDIUM: print

ISSN: 0021-9738

DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

...ABSTRACT: of alanine, lysine, glutamic acid, and tyrosine, on antigen-specific T-cell responses in patients with multiple sclerosis (MS). Glatiramer acetate (Copaxone) functioned as a **universal antigen**, inducing proliferation, independent of any prior exposure to the polymer, in T-cell lines prepared from MS or healthy subjects. However, for most patients, daily...

18/3,K/13 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0011403371 BIOSIS NO.: 199800197618

**Insect cells as universal antigen -presenting cells: Measuring cellular immune responses**

AUTHOR: Janetzki S (Reprint); Lewis J J; Houghton A N  
AUTHOR ADDRESS: Immunol. Program, Dep. Surgery, Memorial Sloan-Kettering Cancer Center, 1275 York Ave., New York, NY 10021, USA\*\*USA  
JOURNAL: Proceedings of the American Association for Cancer Research Annual Meeting 39 p551 March, 1998 1998  
MEDIUM: print  
CONFERENCE/MEETING: 89th Annual Meeting of the American Association for Cancer Research New Orleans, Louisiana, USA March 28-April 1, 1998; 19980328  
SPONSOR: American Association for Cancer Research  
ISSN: 0197-016X  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

**Insect cells as universal antigen -presenting cells: Measuring cellular immune responses**

18/3,K/14 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0003602366 BIOSIS NO.: 198274018789  
**CHARACTERIZATION OF HIGH METASTATIC AND LOW METASTATIC CLONES DERIVED FROM A METHYL CHOLANTHRENE INDUCED MURINE FIBRO SARCOMA**  
AUTHOR: WANG N (Reprint); YU S H; LIENER I E; HEBBEL R P; EATON J W; MCKHANN C F  
AUTHOR ADDRESS: DEP LAB MED, UNIV MINN, COLL HEALTH SCI, MINNEAPOLIS, MINN 55455, USA\*\*USA  
JOURNAL: Cancer Research 42 (3): p1046-1051 1982  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

...ABSTRACT: 10 and 3AM but not with each other, suggesting that, within the original tumor, there were common tumor antigens shared by some cells but no **universal antigen** shared by all cells.

18/3,K/15 (Item 4 from file: 5)  
 DIALOG(R)File 5:Biosis Previews(R)  
 (c) 2005 BIOSIS. All rts. reserv.

0001267095 BIOSIS NO.: 197410013250

THE MULTIPLE MIXED LYMPHOCYTE REACTION A UNIVERSAL ANTIGEN FOR TESTING  
 CELLULAR IMMUNO COMPETENCE  
 AUTHOR: MANGI R J; KANTOR F S  
 JOURNAL: Journal of Clinical Investigation 52 (6): p53 1973  
 ISSN: 0021-9738  
 DOCUMENT TYPE: Article  
 RECORD TYPE: Citation  
 LANGUAGE: Unspecified

THE MULTIPLE MIXED LYMPHOCYTE REACTION A UNIVERSAL ANTIGEN FOR TESTING  
 CELLULAR IMMUNO COMPETENCE

18/3,K/16 (Item 1 from file: 73)  
 DIALOG(R)File 73:EMBASE  
 (c) 2005 Elsevier Science B.V. All rts. reserv.

02598536 EMBASE No: 1984217494

An overview on the leprosy vaccine  
 Antia N.H.; Birdi T.J.  
 Foundation for Medical Research, Worli, Bombay 400 018 India  
 Indian Journal of Leprosy ( INDIAN J. LEPR. ) (India) 1984, 56/2  
 (301-306)  
 CODEN: IJLEEE  
 DOCUMENT TYPE: Journal  
 LANGUAGE: ENGLISH

Even if such a **universal antigen** were found, on the basis of other vaccines it may be surmised that life-long protection after a single dose is rare. Protocols therefore requiring...

18/3,K/17 (Item 2 from file: 73)  
 DIALOG(R)File 73:EMBASE  
 (c) 2005 Elsevier Science B.V. All rts. reserv.

00268636 EMBASE No: 1975040942

Specific unresponsiveness to skin allografts in mice. III. Synergistic effect of tissue extracts, *Bordetella pertussis*, and antilymphocytic serum  
 Pinto M.; Brent L.; Thomas A.V.  
 Dept. Immunol., St. Mary's Hosp. Med. Sch., London United Kingdom  
 Transplantation ( TRANSPLANTATION ) 1974, 17/5 (477-486)  
 CODEN: TRPLA  
 DOCUMENT TYPE: Journal  
 LANGUAGE: ENGLISH

...H 2 alleles, using a mixture of liver tissue from the 4 strains, gave encouraging results. It might be possible, given time, to devise a '**universal antigen cocktail**' for the pretreatment of graft recipients.  
 ?

Set	Items	Description
S1	15164	(ALLERGEN OR ALLERGIC) (S) (PLANT OR RAGWEED OR POLLEN)
S2	127	S1 AND (VECTOR OR POLYNUCLEOTIDE)

S3 123522 ((HEMAGGLUTININ (W) A) OR HA)  
S4 114076 (SIGNAL OR LEADER) (S) (SEQUENCE OR PEPTIDE)  
S5 494 S3 (S) S4  
S6 27680 DS  
S7 0 S2 AND S5  
S8 2334 S4 (S) (HETEROLOGOUS)  
S9 0 S8 AND S2  
S10 0 S2 AND (CPG OR CG OR ISS)  
S11 3 S2 AND (HUMAN (W) CODON)  
S12 1 RD (unique items)  
S13 0 S2 AND (UNIVERSAL (W) ANTIGEN)  
S14 35 (UNIVERSAL (W) ANTIGEN)  
S15 0 S14 AND (ALLERGEN OR ALLERGIC)  
S16 1 S14 AND TH1  
S17 20 RD S14 (unique items)  
S18 17 S17 NOT PY>2000  
?

## COST

05jul05 16:12:37 User259876 Session D769.2  
\$6.46 1.899 DialUnits File155  
\$2.31 11 Type(s) in Format 3  
\$2.31 11 Types  
\$8.77 Estimated cost File155  
\$1.61 0.511 DialUnits File159  
\$0.26 1 Type(s) in Format 3  
\$0.26 1 Types  
\$1.87 Estimated cost File159  
\$15.40 2.611 DialUnits File5  
\$0.64 4 Type(s) in Format 95 (KWIC)  
\$0.64 4 Types  
\$16.04 Estimated cost File5  
\$22.16 2.084 DialUnits File73  
\$8.82 3 Type(s) in Format 3  
\$8.82 3 Types  
\$30.98 Estimated cost File73  
OneSearch, 4 files, 7.105 DialUnits FileOS  
\$3.73 INTERNET  
\$61.39 Estimated cost this search  
\$61.79 Estimated total session cost 7.205 DialUnits  
?

[Return to logon page!](#)

## Refine Search

### Search Results -

Term	Documents
UNIVERSAL	294168
UNIVERSALS	327
ANTIGEN	122681
ANTIGENS	71055
(10 AND (UNIVERSAL ADJ ANTIGEN)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
(L10 AND (UNIVERSAL ADJ ANTIGEN)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1

**Database:**

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

L15

Refine Search

Recall Text

Clear

Interrupt

### Search History

**DATE:** Tuesday, July 05, 2005 [Printable Copy](#) [Create Case](#)

Set Name Query  
side by side

Hit Count Set Name  
result set

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;  
OP=AND*

<u>L15</u>	L10 and (universal adj antigen)	1	<u>L15</u>
<u>L14</u>	L11 not L13	43	<u>L14</u>
<u>L13</u>	L11 and L12	10	<u>L13</u>
<u>L12</u>	(human or optimal or optimized) adj codon	1142	<u>L12</u>
<u>L11</u>	L10 and (CpG or CG or ISS)	53	<u>L11</u>

<u>L10</u>	L9 and L4	177	<u>L10</u>
<u>L9</u>	L6 same (heterologous)	14339	<u>L9</u>
<u>L8</u>	L4 and L7	15	<u>L8</u>
<u>L7</u>	L5 same L6	3807	<u>L7</u>
<u>L6</u>	(signal or leader) same (sequence or peptide)	350691	<u>L6</u>
<u>L5</u>	((hemagglutinin adj A) or HA)	436443	<u>L5</u>
<u>L4</u>	L3 and (vector or polynucleotide or (nucleic adj acid))	1271	<u>L4</u>
<u>L3</u>	(allergen or allergenic) same (plant or ragweed or pollen)	2851	<u>L3</u>
<u>L2</u>	L1 and (plant adj allergen)	2	<u>L2</u>
<u>L1</u>	Raz-Eyal.in.	46	<u>L1</u>

END OF SEARCH HISTORY

 **PALM INTRANET**

Day : Tuesday  
Date: 7/5/2005  
Time: 13:51:07

## Inventor Name Search

Enter the first few letters of the Inventor's Last Name.  
Additionally, enter the first few letters of the Inventor's First name.

**Last Name****First Name**

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

 **PALM INTRANET**

Day : Tuesday  
Date: 7/5/2005  
Time: 13:51:07

## Inventor Name Search

Enter the first few letters of the Inventor's Last Name.  
Additionally, enter the first few letters of the Inventor's First name.

**Last Name****First Name**

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page